

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. R5-2010-XXXX

AMENDING WASTE DISCHARGE REQUIREMENTS
ORDER NO. R5-2008-0179 (NPDES PERMIT NO. CA0078590)

TOWN OF DISCOVERY BAY COMMUNITY SERVICES DISTRICT
DISCOVERY BAY WASTEWATER TREATMENT PLANT
CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Central Valley Water Board) finds that:

1. On 4 December 2008, the Central Valley Water Board adopted Waste Discharge Requirements (WDR) Order No. R5-2008-0179 (NPDES No. CA0078590), prescribing waste discharge requirements for the Discovery Bay Wastewater Treatment Plant, Contra Costa County. For the purposes of this Order, the Town of Discovery Bay Community Services District is hereafter referred to as "Discharger" and the Discovery Bay Wastewater Treatment Plant is hereafter referred to as "Facility."
2. Subsequent to adoption by the Central Valley Water Board, Order No. R5-2008-0179 was petitioned to the State Water Resources Control Board (State Water Board) by the California Sportfishing Protection Alliance and the San Luis & Delta-Mendota Water Authority and Westlands Water District for, in part, the final effluent limitations for electrical conductivity (EC).
3. On 19 May 2009, the State Water Board adopted a precedential water quality order for the City of Tracy Wastewater Treatment Plant (WQO No. 2009-0003, Tracy Order). In the Tracy Order, the State Water Board addressed the need for water quality-based effluent limitations for EC that is applicable to the Facility. By memorandum dated 11 March 2010 from Dorothy Rice, Executive Director of the State Water Board, to Pamela Creedon, Executive Officer of the Central Valley Water Board, the State Water Board requested the Central Valley Water Board revise the final effluent limitations for EC in accordance with the Tracy Order. This Order amends Order No. R5-2008-0179 by re-evaluating the need for water quality-based effluent limitations for EC consistent with the Tracy Order.
4. Order No. R5-2008-0179 contains Receiving Water Limitations for pH which states that the discharge shall not cause a change in receiving water pH of more than 0.5 units (as a monthly average). On 25 October 2007 the Central Valley Water Board adopted resolution R5-2007-0136 amending the Water Quality Control Plan for the Sacramento and San Joaquin River Basins. The October 2007 Basin Plan amendment removed the 0.5 units change in pH restriction, which became effective

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7 July 2009. Therefore, this Order amends Order No. R5-2008-0179 by removing the 0.5 units change in pH restriction in the Receiving Water Limitations.

5. Order No. R5-2008-0179 contains Receiving Water Limitations for turbidity. On 25 October 2007 the Central Valley Water Board adopted resolution R5-2007-0136 amending the Water Quality Control Plan for the Sacramento and San Joaquin River Basins, which modified the water quality objective for turbidity. Therefore, this Order amends Order No. R5-2008-0179 by modifying the turbidity Receiving Water Limitations to be consistent with the Basin Plan.
6. The Facility includes an Ultraviolet Disinfection (UV) System and Order No. R5-2008-0179 includes specifications and monitoring requirements for the UV System to ensure the Facility provides adequate disinfection. This Order revises the UV System Operating Specifications to include UV dosage and UV transmittance requirements per the UV manufacturers recommendations to ensure compliance with the total coliform organisms effluent limitations. Furthermore, the UV System Monitoring Requirements have been revised to remove the requirement to monitor effluent total coliform organisms when the effluent turbidity exceeds 10 NTU. This requirement is no longer necessary with the addition of the specifications for UV dosage and UV transmittance.
7. Additional changes have been made to Order No. R5-2008-0179 to correct errors or to provide clarity regarding compliance determination.
8. Issuance of this Order is exempt from the provisions of the California Environmental Quality Act (Public Resources Code section 21000, et seq.), in accordance with California Water Code section 13389.
9. The Central Valley Water Board has notified the Discharger and interested agencies and persons of its intent to amend Waste Discharge Requirements for this discharge and has provided an opportunity to submit public comments for Central Valley Water Board consideration.
10. Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with CWC section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date that this Order becomes final, except that if the thirtieth day following the date that this Order becomes final falls on a Saturday, Sunday, or state holiday (including mandatory furlough days), the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.

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TOWN OF DISCOVERY BAY CSD
DISCOVERY BAY WASTEWATER TREATMENT PLANT
CONTRA COSTA COUNTY

IT IS HEREBY ORDERED THAT:

Waste Discharge Requirements Order No. R5-2008-0179 (NPDES No. CA0078590) is amended as shown in underline/strikeout format in Attachment 1 to this Order. This Order is effective upon adoption.

I, PAMELA C. CREEDON, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on XX December 2010.

PAMELA C. CREEDON, Executive Officer

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